



SEQUENCE LISTING

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Ramot University Authority for Applied Research &
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The Government of the United States
as represented by The Secretary of the
Department of Health and Human Services

<120> Orally Active Peptides That Prevent Cell Damage and
Death

<130> 15280W-002100US

<140> US 10/049,587
<141> 2002-02-12

<150> US 60/149,956
<151> 1999-08-18

<150> WO PCT/US00/22861
<151> 2000-08-17

<160> 19

<170> PatentIn Ver. 2.1

<210> 1
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:activity
dependent neurotrophic factor I (ADNF I) active
core site, ADNF-9, SAL

<400> 1
Ser Ala Leu Leu Arg Ser Ile Pro Ala
1 5

<210> 2
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<223> Description of Artificial Sequence:activity
dependent neuroprotective protein (ADNP or ADNF
III) active core site, ADNF III-8, NAP

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Asn Ala Pro Val Ser Ile Pro Gln
1 5

<210> 3
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<220>
 <223> Description of Artificial Sequence:ADNF I polypeptide

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 <222> (1..40)
 <223> Xaa = any amino acid, Xaa at positions 1-40 may be present or absent

<220>
 <221> MOD_RES
 <222> (50..89)
 <223> Xaa = any amino acid, Xaa at positions 50-89 may be present or absent

<400> 3
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 1 5 10 15
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 20 25 30
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Ser Ala Leu Leu Arg Ser Ile Pro
 35 40 45
 Ala Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 50 55 60
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 65 70 75 80
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<210> 4
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<220>
 <223> Description of Artificial Sequence:ADNF III polypeptide

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 <223> Xaa = any amino acid, Xaa at positions 49-88 may be present or absent

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1 5 10 15
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
20 25 30
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Asn Ala Pro Val Ser Ile Pro Gln
35 40 45
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
50 55 60
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
65 70 75 80
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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<210> 5
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<220>
<223> Description of Artificial Sequence:1-R in formula
for ADNF I polypeptide

<400> 5
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<210> 6
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:1-R in formula
for ADNF I polypeptide

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1 5 10

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<211> 5
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<220>
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formula for ADNF III polypeptide

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<211> 8
<212> PRT
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<220>
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for ADNF III polypeptide

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<213> Artificial Sequence

<220>
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for ADNF I polypeptide

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for ADNF III polypeptide

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<220>
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<210> 17
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ADNF I polypeptide

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1 5 10

<210> 18
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ADNF I polypeptide

<400> 18
Gly Gly Ser Ala Leu Leu Arg Ser Ile Pro Ala
1 5 10

<210> 19
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ADNF I polypeptide

<400> 19
Gly Ser Ala Leu Leu Arg Ser Ile Pro Ala
1 5 10